



SEQUENCE LISTING

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<120> NOVEL RECEPTOR PROTEIN AND METHOD FOR THE DIAGNOSIS OF AN
INFLAMMATORY DISEASE BY USING THE SAME

<130> 8054-1005

<140> 09/786,442

<141> 2001-03-05

<150> JP 10-249752

<151> 1998-09-03

<150> JP 11-070800

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<150> PCT/JP99/04801

<151> 1999-09-03

<160> 19

<170> PatentIn Ver. 3.2

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<211> 1014

<212> DNA

<213> Homo sapiens

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Met	Gly	Asn	Asp	Ser	Val	Ser	Tyr	Glu	Tyr	Gly	Asp	Tyr	Ser	Asp	Leu	
1				5				10					15			

tgc	gac	cgc	cct	gtg	gac	tgc	ctg	gat	ggc	gcc	tgc	ctg	gcc	atc	gac	96
Ser	Asp	Arg	Pro	Val	Asp	Cys	Leu	Asp	Gly	Ala	Cys	Leu	Ala	Ile	Asp	
		20						25					30			

ccg	ctg	cgc	gtg	gcc	ccg	ctc	cca	ctg	tat	gcc	gcc	atc	ttc	ctg	gtg	144
Pro	Leu	Arg	Val	Ala	Pro	Leu	Pro	Leu	Tyr	Ala	Ala	Ile	Phe	Leu	Val	
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ggg	gtg	ccg	ggc	aat	gcc	atg	gtg	gcc	tgg	gtg	gct	ggg	aag	gtg	gcc	192
Gly	Val	Pro	Gly	Asn	Ala	Met	Val	Ala	Trp	Val	Ala	Gly	Lys	Val	Ala	
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Arg Arg Arg Val Gly Ala Thr Trp Leu Leu His Leu Ala Val Ala Asp	
65 70 75 80	
ttg ctg tgc tgt ttg tct ctg ccc atc ctg gca gtg ccc att gcc cgt	288
Leu Leu Cys Cys Leu Ser Leu Pro Ile Leu Ala Val Pro Ile Ala Arg	
85 90 95	
gga ggc cac tgg ccg tat ggt gca gtg ggc tgt cgg gcg ctg ccc tcc	336
Gly Gly His Trp Pro Tyr Gly Ala Val Gly Cys Arg Ala Leu Pro Ser	
100 105 110	
atc atc ctg ctg acc atg tat gcc agc gtc ctg ctc ctg gca gct ctc	384
Ile Ile Leu Leu Thr Met Tyr Ala Ser Val Leu Leu Leu Ala Ala Leu	
115 120 125	
agt gcc gac ctc tgc ttc ctg gct ctc ggg cct gcc tgg tgg tct acg	432
Ser Ala Asp Leu Cys Phe Leu Ala Leu Gly Pro Ala Trp Trp Ser Thr	
130 135 140	
gtt cag cgg gcg tgc ggg gtg cag gtg gcc tgt ggg gca gcc tgg aca	480
Val Gln Arg Ala Cys Gly Val Gln Val Ala Cys Gly Ala Ala Trp Thr	
145 150 155 160	
ctg gcc ttg ctg ctc acc gtg ccc tcc gcc atc tac cgc cgg ctg cac	528
Leu Ala Leu Leu Leu Thr Val Pro Ser Ala Ile Tyr Arg Arg Leu His	
165 170 175	
cag gag cac ttc cca gcc cgg ctg cag tgt gtg gtg gac tac ggc ggc	576
Gln Glu His Phe Pro Ala Arg Leu Gln Cys Val Val Asp Tyr Gly Gly	
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tcc tcc agc acc gag aat gcg gtg act gcc atc cgg ttt ctt ttt ggc	624
Ser Ser Ser Thr Glu Asn Ala Val Thr Ala Ile Arg Phe Leu Phe Gly	
195 200 205	
ttc ctg ggg ccc ctg gtg gcc gtg gcc agc tgc cac agt gcc ctc ctg	672
Phe Leu Gly Pro Leu Val Ala Val Ala Ser Cys His Ser Ala Leu Leu	
210 215 220	
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Cys Trp Ala Ala Arg Arg Cys Arg Pro Leu Gly Thr Ala Ile Val Val	
225 230 235 240	
ggg ttt ttt gtc tgc tgg gca ccc tac cac ctg ctg ggg ctg gtg ctc	768
Gly Phe Phe Val Cys Trp Ala Pro Tyr His Leu Leu Gly Leu Val Leu	
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act gtg gcg gcc ccg aac tcc gca ctc ctg gcc agg gcc ctg cgg gct	816
Thr Val Ala Ala Pro Asn Ser Ala Leu Leu Ala Arg Ala Leu Arg Ala	
260 265 270	
gaa ccc ctc atc gtg ggc ctt gcc ctc gct cac agc tgc ctc aat ccc	864
Glu Pro Leu Ile Val Gly Leu Ala Leu Ala His Ser Cys Leu Asn Pro	
275 280 285	

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atg ctc ttc ctg tat ttt ggg agg gct caa ctc cgc cgg tca ctg cca 912
Met Leu Phe Leu Tyr Phe Gly Arg Ala Gln Leu Arg Arg Ser Leu Pro
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gct gcc tgt cac tgg gcc ctg agg gag tcc cag ggc cag gac gaa agt 960
Ala Ala Cys His Trp Ala Leu Arg Glu Ser Gln Gly Gln Asp Glu Ser
305                310                315                320

gtg gac agc aag aaa tcc acc agc cat gac ctg gtc tcg gag atg gag 1008
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<210> 2
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<212> PRT
<213> Homo sapiens

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    35                40                45

Gly Val Pro Gly Asn Ala Met Val Ala Trp Val Ala Gly Lys Val Ala
    50                55                60

Arg Arg Arg Val Gly Ala Thr Trp Leu Leu His Leu Ala Val Ala Asp
    65                70                75                80

Leu Leu Cys Cys Leu Ser Leu Pro Ile Leu Ala Val Pro Ile Ala Arg
    85                90                95

Gly Gly His Trp Pro Tyr Gly Ala Val Gly Cys Arg Ala Leu Pro Ser
    100                105                110

Ile Ile Leu Leu Thr Met Tyr Ala Ser Val Leu Leu Leu Ala Ala Leu
    115                120                125

Ser Ala Asp Leu Cys Phe Leu Ala Leu Gly Pro Ala Trp Trp Ser Thr
    130                135                140

Val Gln Arg Ala Cys Gly Val Gln Val Ala Cys Gly Ala Ala Trp Thr
    145                150                155                160

Leu Ala Leu Leu Leu Thr Val Pro Ser Ala Ile Tyr Arg Arg Leu His
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Gln Glu His Phe Pro Ala Arg Leu Gln Cys Val Val Asp Tyr Gly Gly
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Ser Ser Ser Thr Glu Asn Ala Val Thr Ala Ile Arg Phe Leu Phe Gly
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 Phe Leu Gly Pro Leu Val Ala Val Ala Ser Cys His Ser Ala Leu Leu
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 Cys Trp Ala Ala Arg Arg Cys Arg Pro Leu Gly Thr Ala Ile Val Val
 225 230 235 240
 Gly Phe Phe Val Cys Trp Ala Pro Tyr His Leu Leu Gly Leu Val Leu
 245 250 255
 Thr Val Ala Ala Pro Asn Ser Ala Leu Leu Ala Arg Ala Leu Arg Ala
 260 265 270
 Glu Pro Leu Ile Val Gly Leu Ala Leu Ala His Ser Cys Leu Asn Pro
 275 280 285
 Met Leu Phe Leu Tyr Phe Gly Arg Ala Gln Leu Arg Arg Ser Leu Pro
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 325 330 335
 Val

<210> 3
 <211> 1287
 <212> DNA
 <213> Homo sapiens

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 cggaccgccc tgtggactgc ctggatggcg cctgcctggc catcgaccg ctgcgcgtgg 180
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<211> 1287

<212> DNA

<213> Homo sapiens

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<210> 5

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<210> 6
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 7-pass transmembrane receptor proteins which are considered to
 participate in the proliferation of melanoma

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 <223> a, g, c or t

<220>
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33

<210> 7
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 <223> Synthetic primer used for constructing the recombinant DNA
 containing C5L2 gene; primer has a seq obtained by adding spacer
 gggg and HindIII site aagctt to the 5 prime-end of a 22-nucleotide
 seq corresponding to the 1st (a) to 22nd (t) of SEQ ID NO:1

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<210> 8
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<212> DNA
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 <212> DNA
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 <223> Synthetic primer used in RT-PCR performed for amplifying C5L2 gene

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<210> 10
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<400> 10
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<210> 11
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 <213> Artificial Sequence

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 <223> Synthetic primer used in RT-PCR performed for amplifying G3PDH (glyceraldehyde 3-phosphate dehydrogenase) gene

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<210> 12
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 <212> DNA
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<223> Synthetic primer used in RT-PCR performed for amplifying G3PDH
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<210> 13

<211> 9

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<213> Artificial Sequence

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<210> 14

<211> 11

<212> PRT

<213> Artificial Sequence

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<210> 15

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide tag

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5

10

<210> 16

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide tag

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<210> 17

<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide tag

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<212> PRT

<213> Artificial Sequence

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1 5

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<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide tag

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